202-737-6770

Fig.1 1 4a 4b 20 6 <u>10</u>

Fig.2

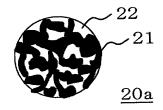
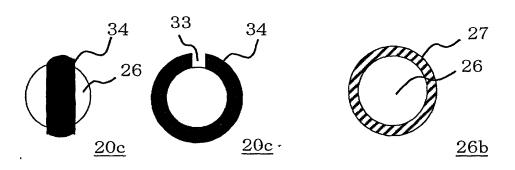


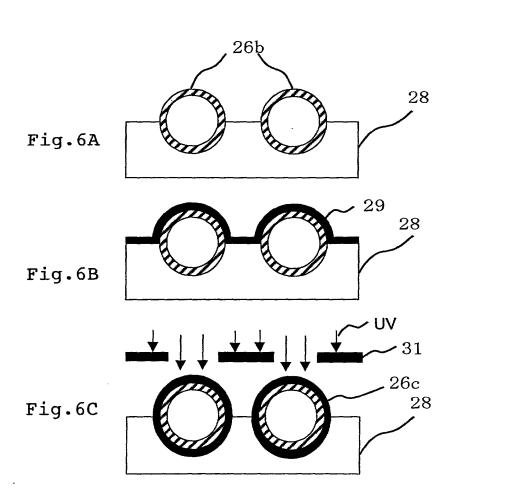
Fig.3A

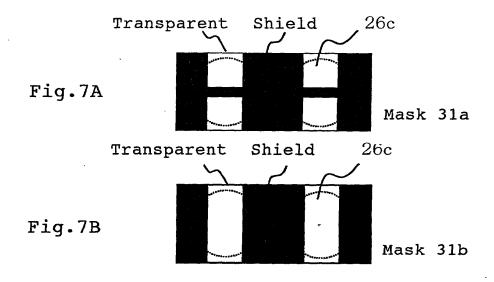
Fig.3B

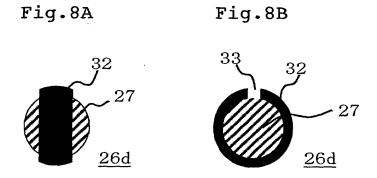


Fig.4A Fig.5 Fig.4B









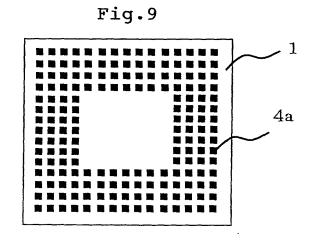


Fig.10

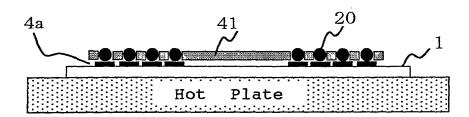


Fig.11

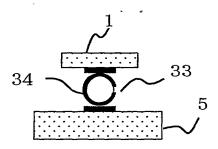


Fig.12

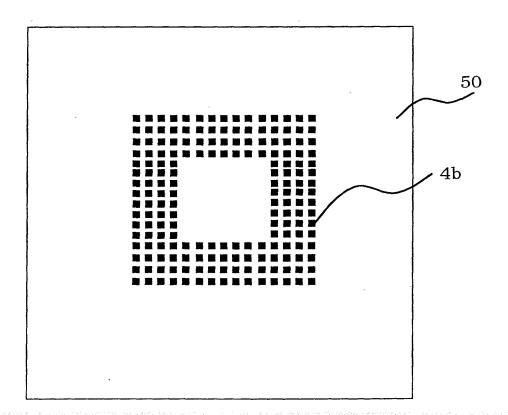


Fig.13

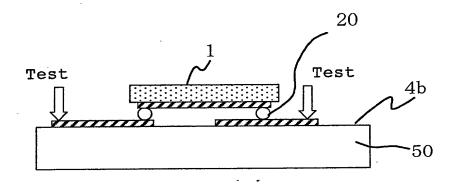


Fig.14

Number of Cycles \rightarrow	100	200	400	600	800	1,000
Connecting Member 20a	0/88	0/88	0/88	0/88	0/88	0/88
Connecting Member 20b	0/88	0/88	0/88	0/88	0/88	0/88
Connecting Member 20c	0/88	0/88	0/88	0/88	0/88	0/88
Connecting Member 20d	0/88	0/88	0/88	0/88	0/88	0/88
Connecting Member 20e	0/88	0/88	0/88	0/88	0/88	0/88
Connecting Member 20f	0/88	0/88	0/88	0/88	0/88	0/88
Sparkle Ball S-type	0/88	0/88	0/88	0/88	8/88	15/88
Sparkle Ball C-type	0/88	0/88	2/88	8/88	10/88	12/88
Copper Ball	0/88	0/88	1/88	5/88	12/88	13/88

